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June 20, 1991
ISSN 0003-2670

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Publication. *Analytica Chimica Acta* (including one volume of *Vibrational Spectroscopy*) appears in 13 volumes in 1991. The subscription price for 1991 (Vols. 241–253) is Dfl. 3432.00 plus Dfl. 390.00 (p.p.h.) (total approx. US$ 2066.00). The subscription price for *Vibrational Spectroscopy* only (Vol. 253) is Dfl. 316.00 plus Dfl. 30.00 (p.p.h.) (total approx. US$ 187.00). All earlier volumes (Vols. 1–239) except Vols. 23 and 28 are available at Dfl. 235.00 (US$ 127.00), plus Dfl. 18.00 (US$ 9.75) p.p.h., per volume. The Dutch guilder price is definitive. The U.S. dollar price is subject to exchange-rate fluctuations and is given only as a guide. Subscriptions are accepted on a prepaid basis only, unless different terms have been previously agreed upon.

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	D'90	J	F	M	A	M	J	J	A	S	O	N	D
Analytica Chimica Acta	241/1 241/2	242/1	242/2 243/1	243/2 244/1	244/2 245/1	245/2 246/1	246/2 247/1	247/2 248/1	248/2	249/1 249/2	250/1 250/2	251/1 251/2	252/1 252/2
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ELSEVIER, Amsterdam–Oxford–New York–Tokyo

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0003-2670/91/$03.50

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be given serious thought. Column headings should be brief, but should include the units in parentheses, where relevant.

Tables with only two or three headings are best printed horizontally, e.g.,

Hg^{2+} added (μg)	1.0	2.0	3.0	5.0
Extraction (%)	95.0	99.8	99.5	89.0

Footnotes to tables are denoted by superscript a, b, c... The following usage is recommended: e.g., if molar absorptivities are listed, the heading should be ϵ (10^4 l mol^{-1} cm^{-1}) so that a number 2.32 in the column signifies 23 200.

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Computer programs. Algorithms should be described clearly and concisely by means of a suitable algorithmic notation, although a standard high-level programming language may also be used. Complete program listings are not normally admissible. Flow charts should be avoided in favour of a textual or tabulated description of the program or data flow. Statements on the portability of the software described to other computer systems, as well as on its availability to interested readers, should be given.

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The following standard symbols should be used in graphs:

▼ ▽ ■ □ + × ● ○ ▲ △

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Photographs should be glossy prints and be as rich in contrast as possible; colour photographs cannot be accepted. Line diagrams are generally preferred to photographs of equipment.

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Nomenclature, abbreviations and symbols

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In accordance with IUPAC rules, ions should be expressed in the form PO_4^{3-} (*not* PO_4^{-3} or PO_4^{---}) and isotopes in the form ^{32}P (*not* P^{32} or P-32).

The Stock notation for the indication of stoichiometric oxidation stages (and indirectly the proportion of the constituents) should be used. Examples are iron(III) chloride rather than ferric chloride and potassium hexacyanoferrate(II) rather than potassium ferrocyanide. These rules are valid for French and German as well as English usage.

Molarity (mol l^{-1} or M) and mg kg^{-1}, mg l^{-1}, μg kg^{-1}, μg l^{-1} etc. are the preferred concentration units, but ppm, ppb etc. will be accepted if defined on introduction.

Unusual abbreviations require definition when first used. Abbreviations for long chemical names (e.g., EDTA, HEDTA, en, Tris) are useful. Well known techniques may be abbreviated by using lower-case letters and full stops, such as g.c.-m.s., u.v., a.a.s., ^{13}C-n.m.r., or as capital letters without full stops, such as GC-MS, UV, AAS, ^{13}C-NMR. Excessive use of abbreviations is not encouraged.

Greek letters and unusual symbols should be defined by name in the left-hand margin beside their first appearance in the paper. Wherever possible, mathematical expressions should be typed on one line, by using brackets, e.g., {[()]}, and the solidus, e.g., $A/b = x^{1/2}/(u+v)^{5/6}$.

Decimal points should be indicated by full stops in papers written in English and by commas in French and German papers. All decimal numbers smaller than unity should include a leading zero (e.g., 0.11).

Appendix

Some basic SI units

metre	m	ampere	A
kilogram	kg	degree Kelvin	K
second	s	mole	mol

Some derived SI units

joule	J	$kg\ m^2\ s^{-2}$	farad	F	$A\ s\ V^{-1}$
newton	N	$J\ m^{-1}$	ohm	Ω	$V\ A^{-1}$
watt	W	$J\ s^{-1}$	henry	H	$V\ s\ A^{-1}$
coulomb	C	A s	hertz	Hz	s^{-1}
volt	V	$J\ A^{-1}\ s^{-1}$	degree Celsius	°C	K − 273.15

Some other units

litre	l	$10^{-3}\ m^3$	hour	h	3.6×10^3 s
gram	g	10^{-3} kg	dyne	dyn	10^{-5} N
poise	P	$kg\ m^{-1}\ s^{-1}$	atmosphere	atm	101.325 kN m^{-2}
electron volt	eV	1.6021×10^{-19} J	molar	M	mol l^{-1}
calorie	cal	4.184 J	molal	*m*	mol kg^{-1}
minute	min	60 s	curie	Ci	$3.7 \times 10^{10}\ s^{-1}$

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June, 1991

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0003-2670/91/$03.50

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PRINTED IN THE NETHERLANDS

(Studies in Physical and Theoretical Chemistry, 68)

Atomic and Molecular Clusters

edited by **E.R. Bernstein,** *Colorado State University, Fort Collins, CO, USA*

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